AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-362

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see:
https://mailman.amsat.org/postorius/lists/ans.amsat.org/

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SB SAT @ AMSAT $ANS-362.01
ANS-362 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 362.01
From AMSAT HQ KENSINGTON, MD.
DATE December 27, 2020
To All RADIO AMATEURS
BID: $ANS-362.01

ARISS SSTV Event Commemorating 20 Years of Operations Continues Through 12-31

An ARISS Slow Scan TV (SSTV) event is scheduled from the International Space Station (ISS). This will be a special SSTV event to celebrate the 20th anniversary of ARISS on board the International Space Station. The event is scheduled to begin on December 24 at 16:40 UTC and continue through December 31 ending at 18:15 UTC. Dates are subject to change due to ISS operational adjustments.

Images will be downlinked at 145.8 MHz +/- 3 KHz for Doppler shift and the expected SSTV mode of operation is PD 120. Radio enthusiasts participating in the event can post images they receive at the ARISS SSTV Gallery at https://www.spaceflightsoftware.com/ARISS_SSTV/.

After your image is posted at the gallery, you can acquire a special award by linking to https://ariss.pzk.org.pl/sstv/ and following directions for submitting a digital copy of your received image.

[ANS thanks ARISS for the above information]

AMSAT CW Activity Day 2021

You are cordially invited to participate in CW Activity Day 2021, sponsored by AMSAT for amateurs around the world. Operate CW through any amateur satellite on 1 January 2021 UTC. Straight keys and bugs are encouraged but not required. You need not send in a log, but are encouraged to post a brief report of your activity on the amsat-bb

Protect your satellites! Please remember to use the minimum power needed to complete your QSOs. CU on the birds!

[ANS thanks Ray Soifer, W2RS, for the above information]

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Virgin Orbit LauncherOne Launch Window Now Likely Mid-January

Via @Virgin_Orbit on Twitter:

Update from Mojave: as our teammates cleared their preventative quarantines, we got back into our pre-launch operations. Sunday and Monday, we completed our final wet dress rehearsal – the last big test we had planned prior to our launch.

Our policies around social distancing were strict before, but we've since implemented even more extreme measures to ensure the health and safety of our team. A full 2/3rds of the small crew who were on-site for our previous WDR supported this latest rehearsal remotely.

Our hardware is basically ready to go, as is our team. We are working with our partners in government and with our customers to identify our new candidate launch windows. We'll publish new dates as soon as they are final, but currently, the window is likely to be mid-January.

Finally: to all of our friends, neighbors, and families, we wish you a joyous, safe, socially distanced, disinfected holiday season. As 2020 winds down and we all prepare to enter a new chapter, please take care of yourselves and your loved ones – and wear a mask!

[ANS thanks Virgin Orbit for the above information]

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On December 21, 2000 at 20:29 UTC, Luther Burbank School in Burbank, IL had ARISS contact number 1. I was privileged to be the control operator and ARISS mentor for that first contact. We failed two days earlier, but we figured out what had gone wrong and on the second day, we had a highly successful contact with Bill Shepherd KD5GSL who operated NA1SS. Since that first contact, ARISS has had 1411 total events; all of them an unforgettable experience for everyone involved. I am sure the crewmembers have enjoyed the contacts just as much as the schools.

I thank my ham crew who worked in putting together contact number 1 (try putting antennas up with minus 30 degrees windchill factors), the students who went into the great unknown (someone has to be first), the school staff who knew they had the right students to make it happen, and the parents who pushed their student to participate.

Now ARISS embarks on the next 20 years of space exploration. In the not-too-distant future, a school may be talking to a crewmember who is orbiting the moon. So, stay tuned where ARISS goes next.

Please check for additional 20th year anniversary messages at https://www.ariss.org/.

The latest information on the operation mode can be found at https://www.ariss.org/current-status-of-iss-stations.html

The latest list of frequencies in use can be found at https://www.ariss.org/contact-the-iss.html

[ANS thanks Charlie Sufana, AJ9N, ARISS Operations, for the above information]

Hamfests, Conventions, Maker Faires, and Other Events

Want to see AMSAT in action or learn more about amateur radio in space?

AMSAT Ambassadors provide presentations, demonstrate communicating through amateur satellites, and host information tables at club meetings, hamfests, conventions, maker faires, and other events.

No upcoming presentations listed

[ANS thanks Paul Overn, KE0PBR, for the above information]

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W9TWJ: Either next Tuesday 12/29 or Wednesday 12/30, AB5SS and I will be loading up and activating EL28 (maybe a few other surrounding) – FM and linear.

Please submit any additions or corrections to ke0pbr at gmail.com

[ANS thanks Paul Overn, KE0PBR, for the above information]

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available to AMSAT members on AMSAT's new membership portal. The 1969-2013 archive will be added at a later date. All editions of AMSAT's Symposium Proceedings are also available for members. If you're a current AMSAT member, get logged on today. If you are not yet a member, consider joining today at https://launch.amsat.org/

+ The 2020 edition of AMSAT’s Getting Started with Amateur Satellites is now available on the AMSAT store. A perennial favorite, Getting Started is updated every year with the latest amateur satellite information, and is the premier primer of satellite operation. The book is presented in DRM-free PDF format, in full color, and covers all aspects of making your first contacts on a ham radio satellite. The digital download is available for $15 at https://tinyurl.com/2020GettingStarted. The print edition is $30 plus shipping and is available at https://tinyurl.com/GS2020Print

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. President's Club donations may be made at https://tinyurl.com/ANS-PresClub.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.

Join AMSAT today at https://launch.amsat.org/

73 and remember to help Keep Amateur Radio in Space,

This week's ANS Editor,

Paul Stoetzer, N8HM
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